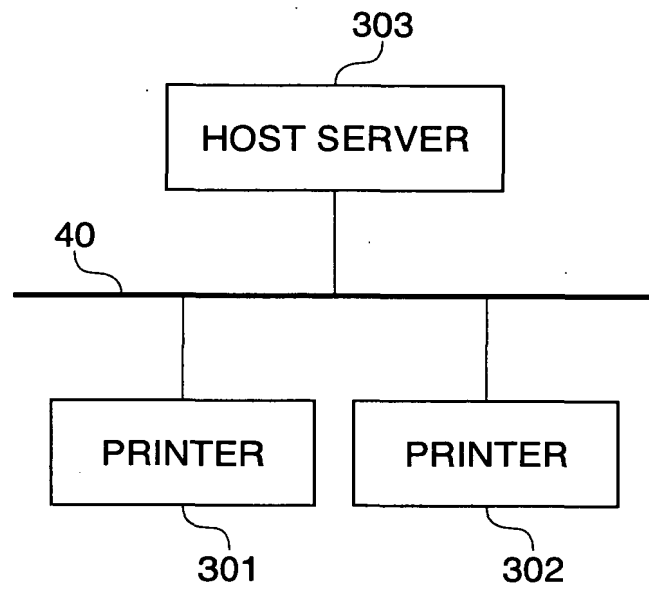


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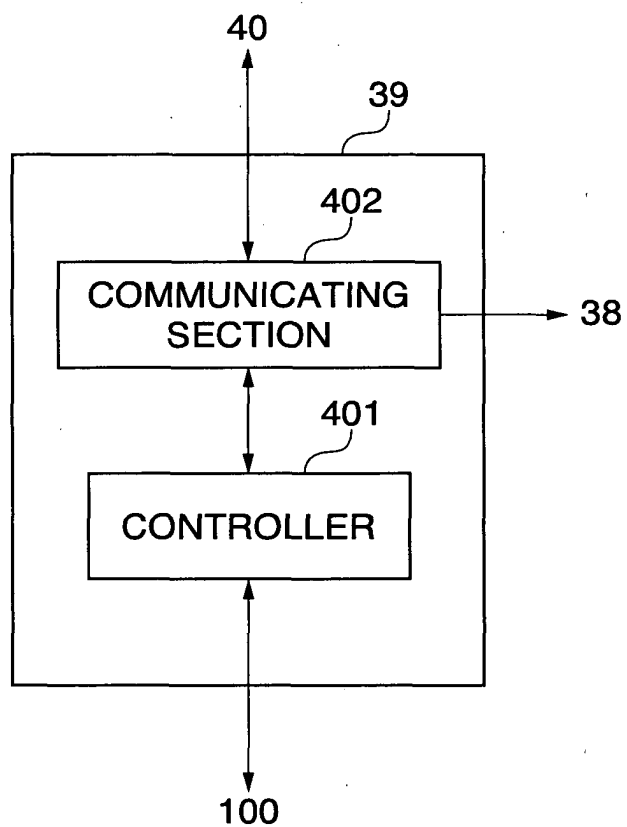
FIG. 1



The diagram illustrates a printing system 300. A paper path is defined by a series of rollers and guides. The path starts at a feeder 40, moves through rollers 1, 2, 17, 19, 21, 24, 26, 27, 28, 29, 30, 31, 32, and 33. The paper then passes through a printer 5, which includes a drum 13 with color segments Y, M, K, and C, and a blade 100. The printer is driven by a motor 8. A waste bin 23 is located at the bottom of the system. Various other components are labeled with numbers 7, 8, 10, 12, 22, 23, 25, 36, and 40.

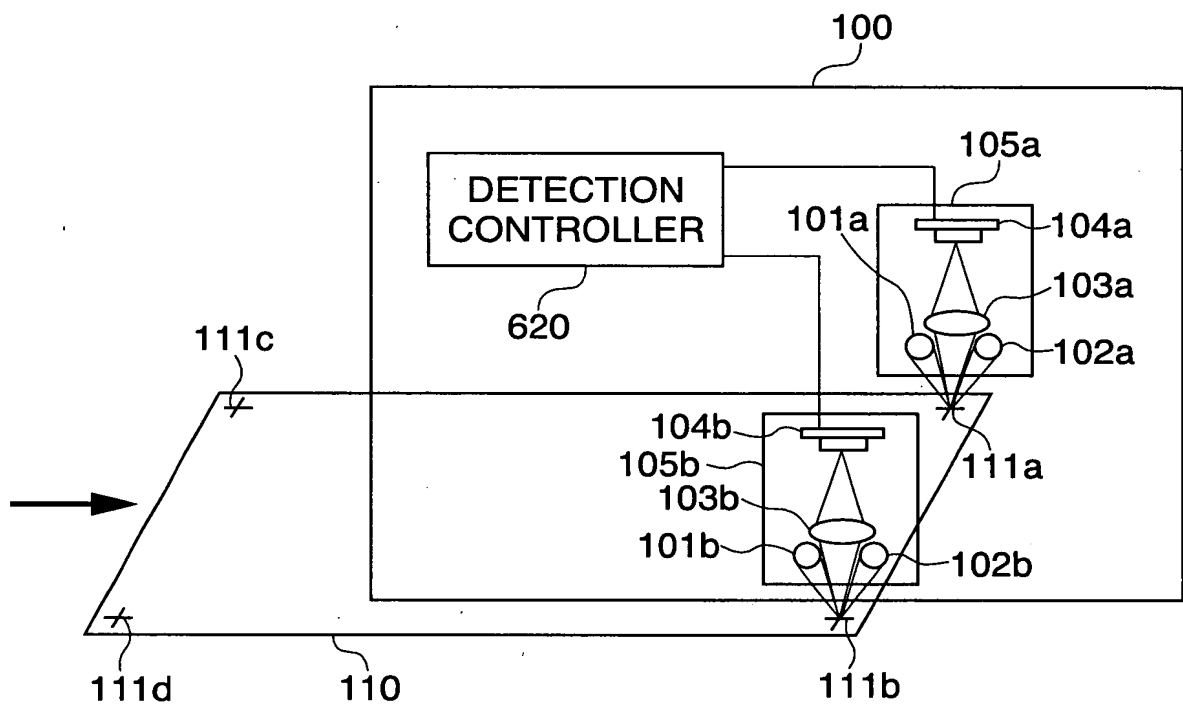
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FIG. 3



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FIG. 4



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FIG. 5

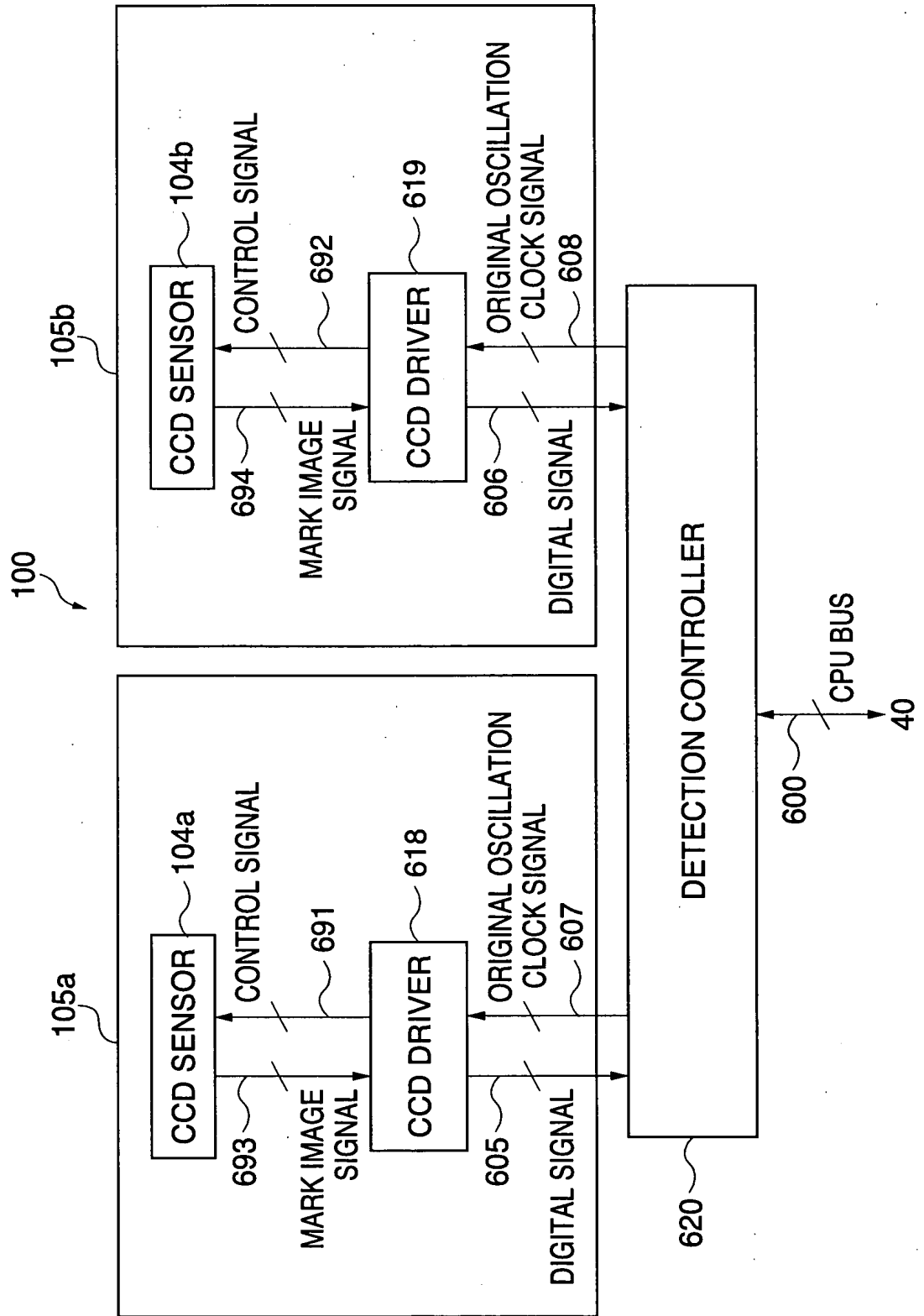


FIG. 6

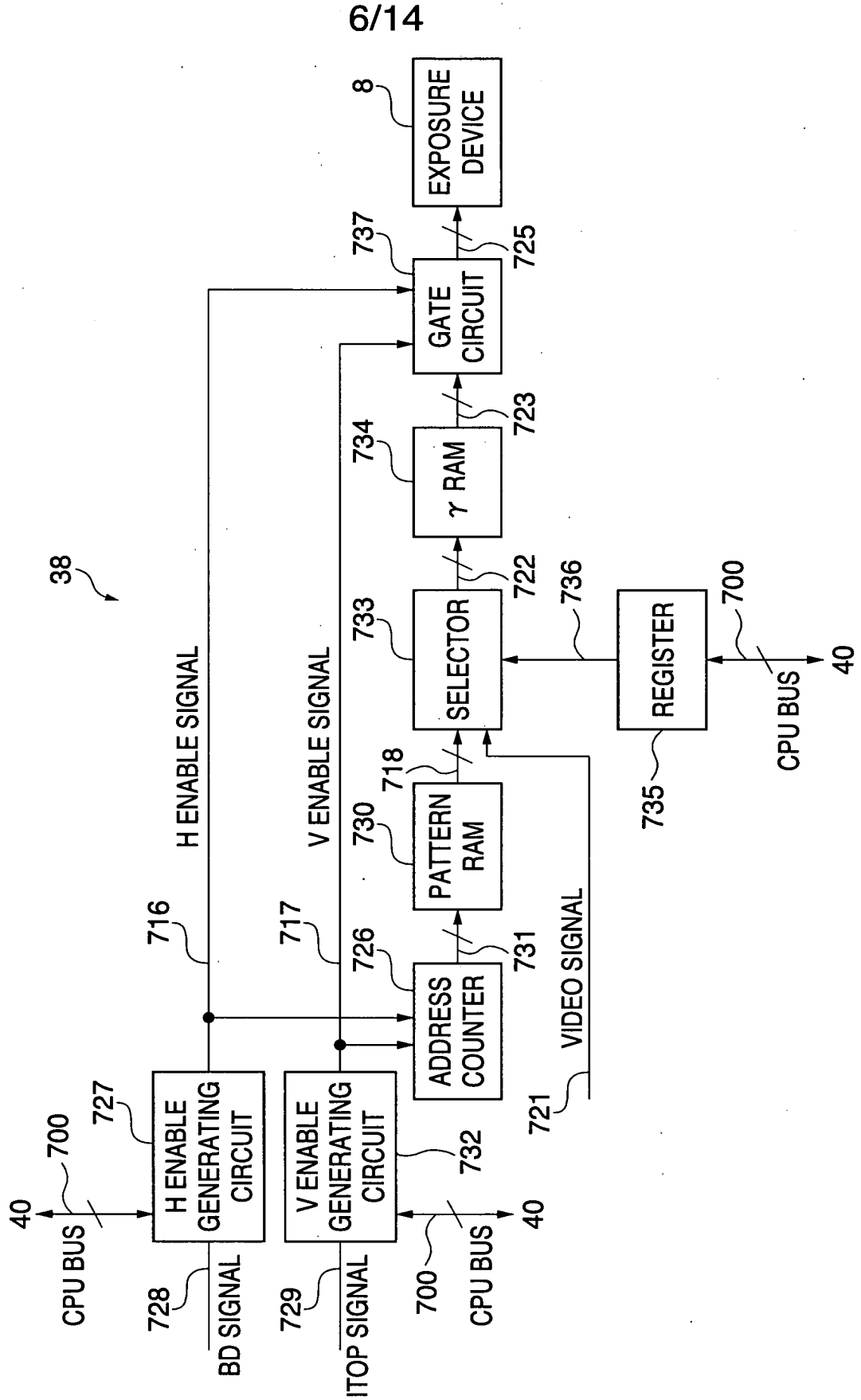
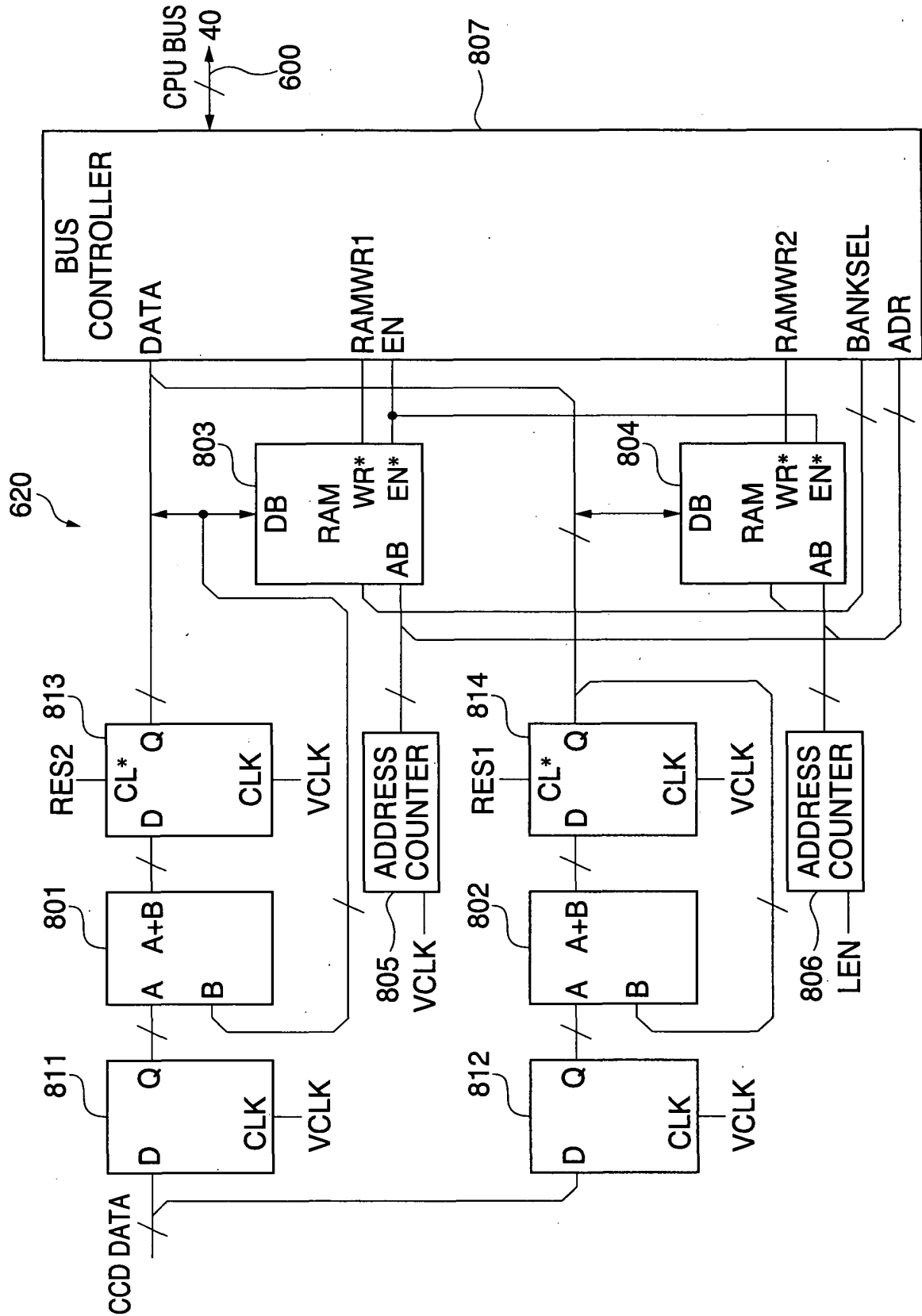


FIG. 7



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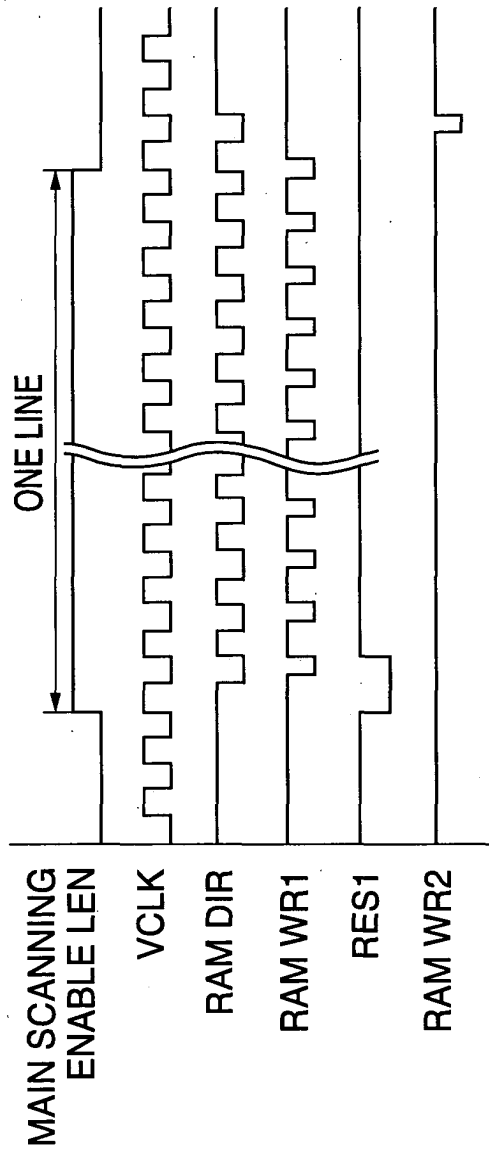


FIG. 8A

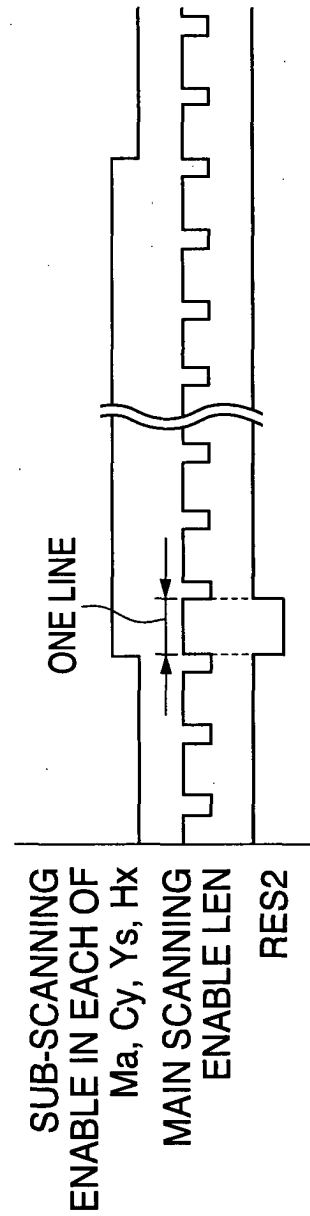
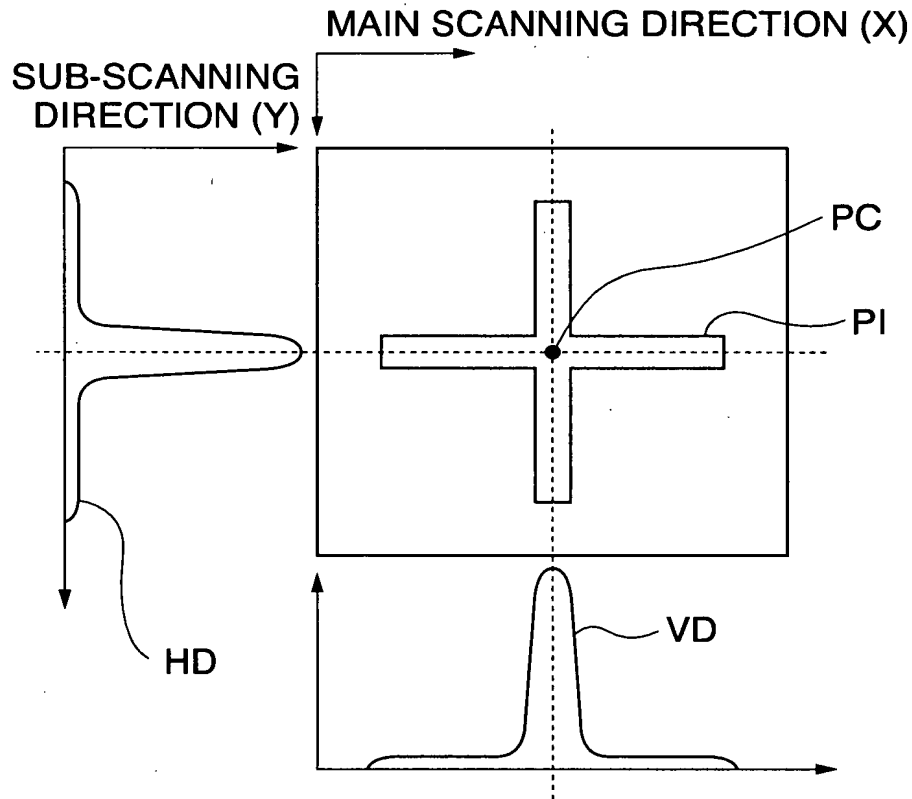


FIG. 8B

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FIG. 9



PC : PATTERN CENTRAL POSITION

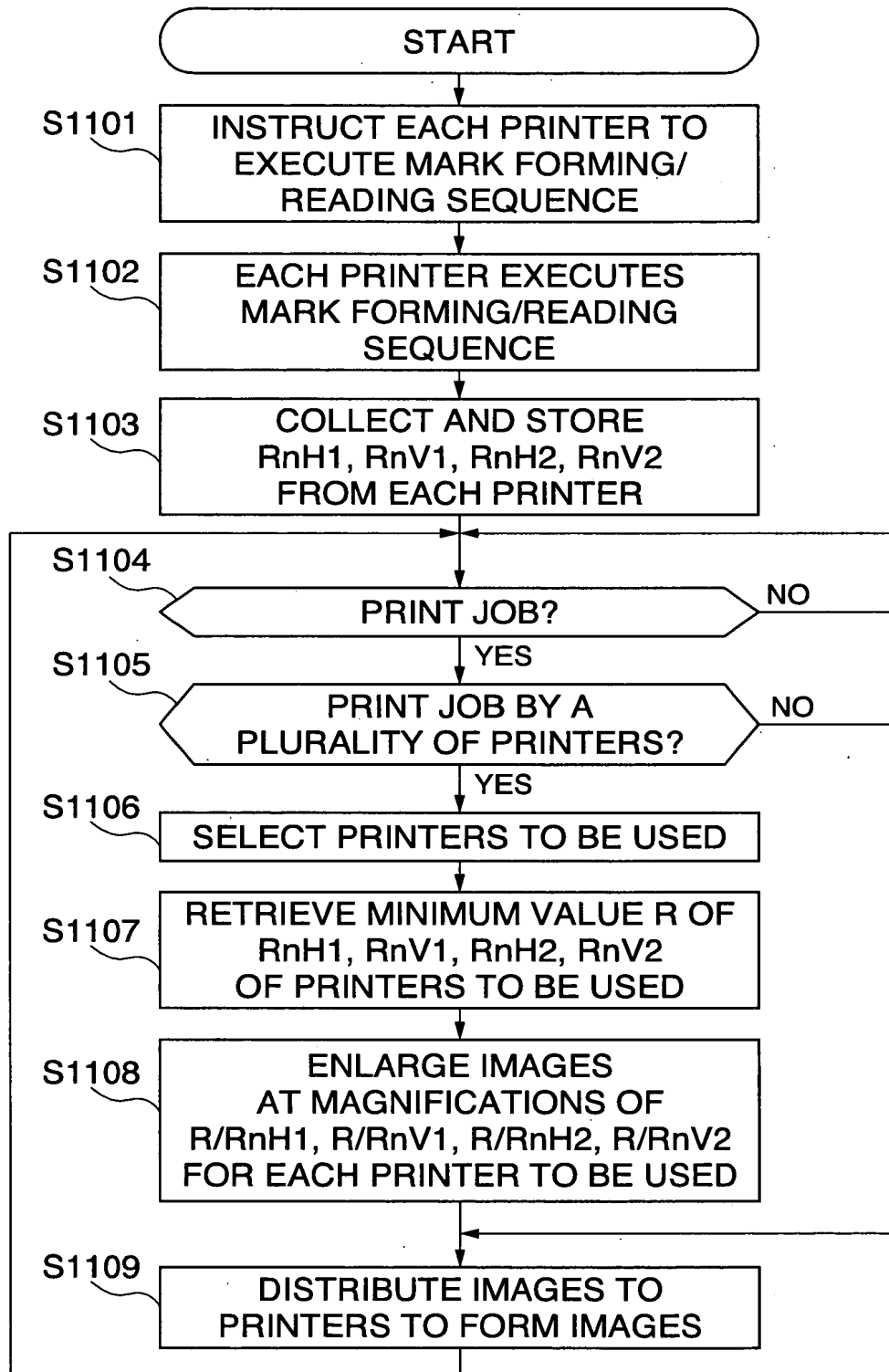
PI : PATTERN IMAGE

VD : SUB-SCANNING DIRECTION (Y)
HISTOGRAM DATA (INTEGRATION)

HD : MAIN SCANNING DIRECTION (X)
HISTOGRAM DATA (INTEGRATION)

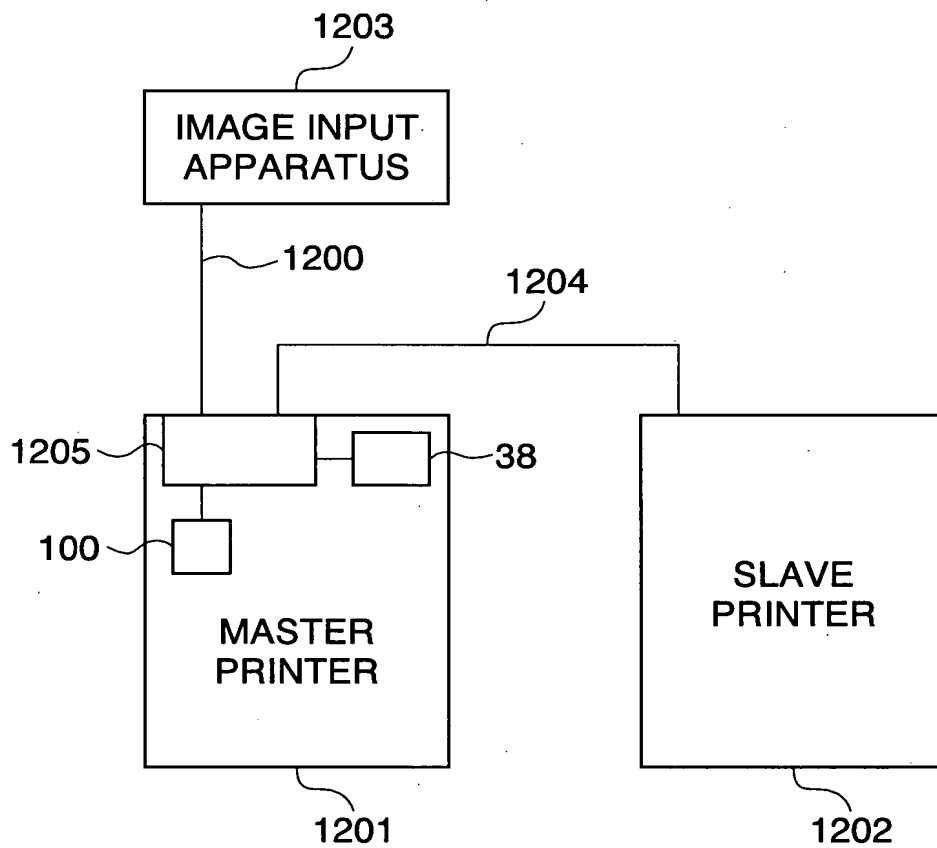
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FIG. 10



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FIG. 11



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FIG. 12

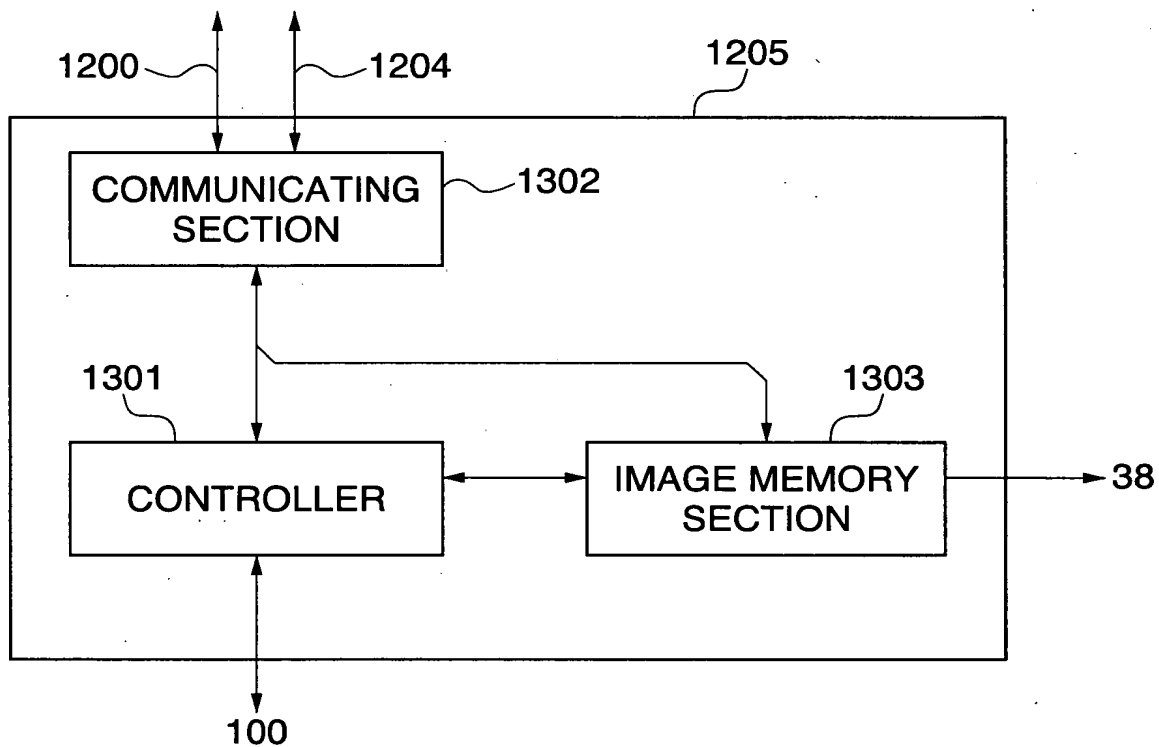
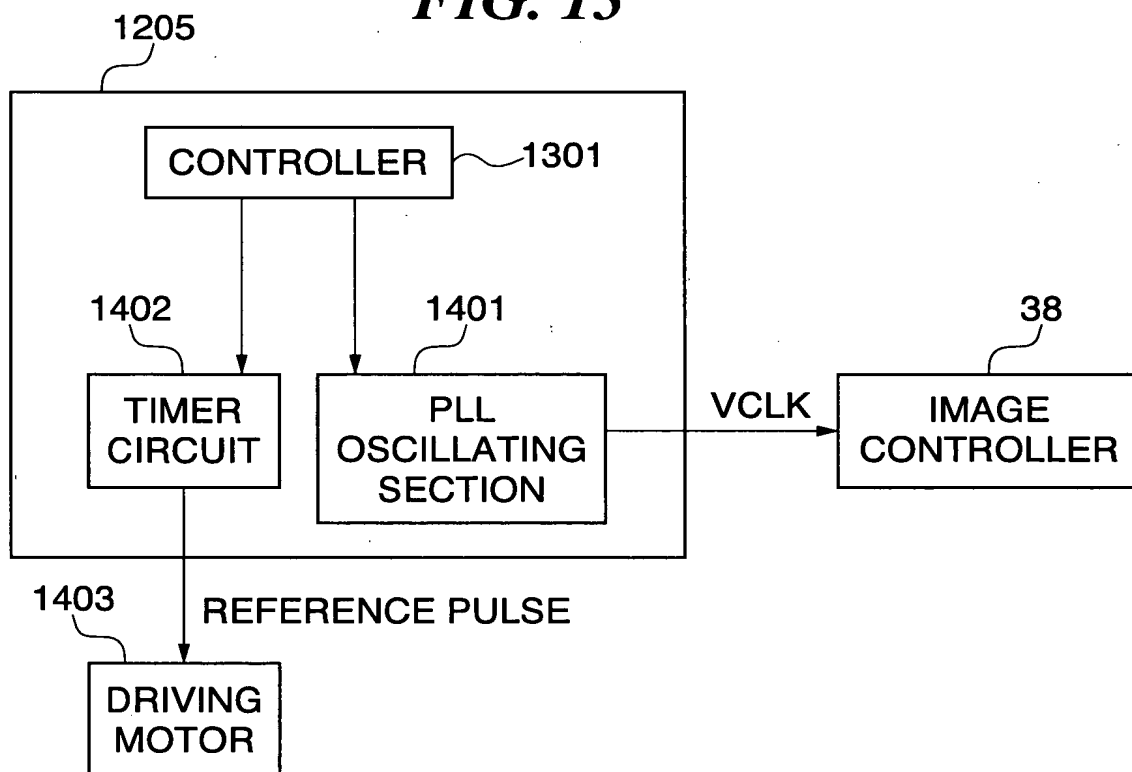
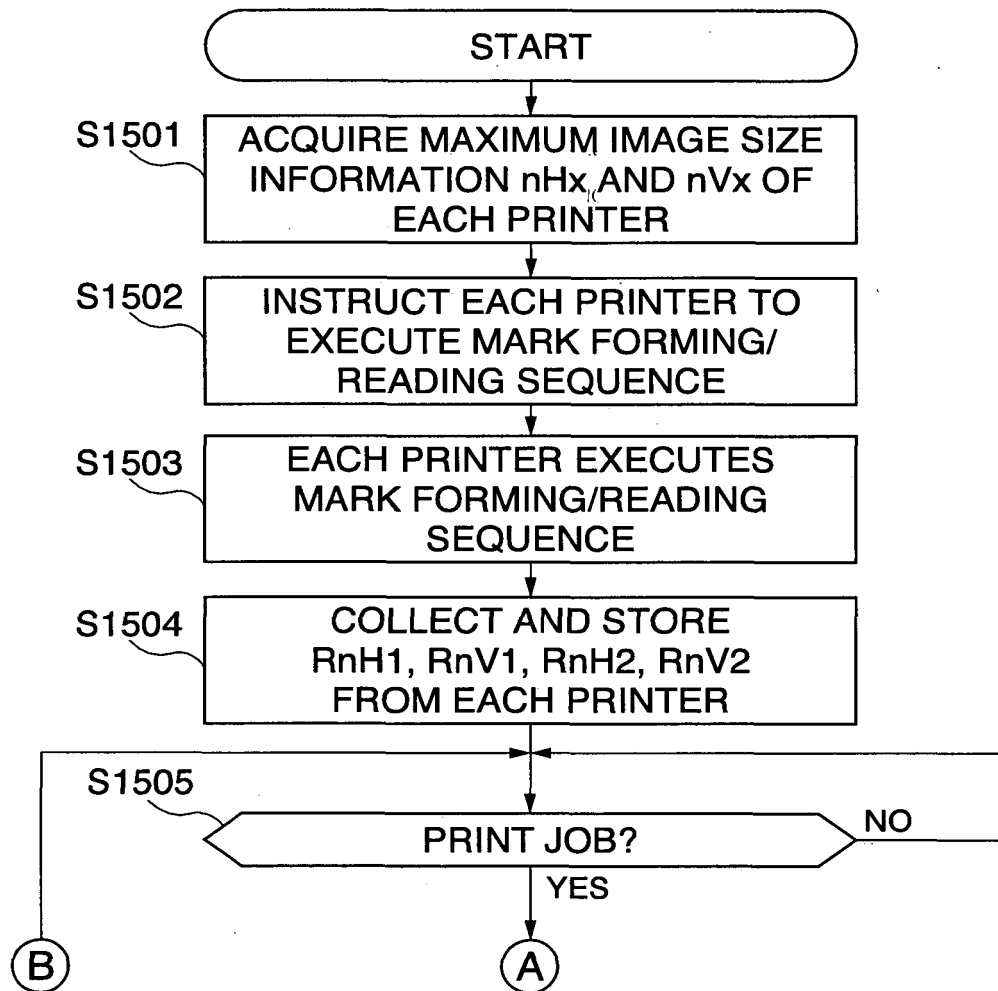


FIG. 13



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FIG. 14A



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FIG. 14B

